



STETSENKO NATALIIA, PhD

Gender: Female
Date of birth: March 03, 1971
Citizenship: Ukrainian
Languages: Ukrainian (native language)

Current positions:

Associate Professor, Department of Ecology and Ecomanagement,
National University of Food Technologies (NUFT), Kyiv, Ukraine

Contacts

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Education

- 2024 professional development of scientific and pedagogical staff on issues of implementation of a dual form of education in institutions of higher and professional pre-higher education at the Scientific and Methodological Center of Higher and Professional Pre-Higher Education of the Ministry of Education and Science of Ukraine, Kyiv, Ukraine;
- 2023 professional development by participating in the 3rd Interdisciplinary Symposium of opinion leaders of nutrition and dietetics "Nutritional mirror of health: is everything visible?";
- 2023 professional development through participation in the International Winter School of Jean Monet "Effective eco-management for the European future of Ukraine";
- 2022 professional development through participation in the International Winter School of Jean Monet "Effective eco-management for the European future of Ukraine";
- 2022 professional development through participation in the Uni-Biz Bridge project for the development of cooperation between business and universities, dedicated to the development of soft skills of teachers;
- 2022 professional development at the seminar with international participation "Improving nutrition for human health and longevity";
- 2020 professional development at Sumy State University;
- 2020 advanced training at the Central Institute of Post-Diploma Pedagogical Education of the State Educational Institution "University of Education Management" of the National Academy of Sciences of Ukraine;
- 2014 internship at the Institute of Hydrobiology of the National Academy of Sciences of Ukraine on the topic "Study and application of new methods of water quality control and determination of toxicants in it".
- 2006 received the academic title of associate professor of the Department of Physical and Colloid Chemistry;

- 1997 candidate of chemical sciences (02.00.11 – colloid chemistry), Institute of Biocolloid Chemistry of the National Academy of Sciences of Ukraine;
- 1993 graduate of the department of technology of sugary substances of the Kyiv Technological Institute of the Food Industry. Specialty: "Technology of sugary substances", qualification - technological engineer.

Employment

- from 2006 **Associate Professor of the Department of Physical and Colloidal Chemistry, National University of Food Technologies;**
- from 2007 until now **Associate Professor of the Department of Health Products Technology, National University of Food Technologies;**
- from 2021 until now **Associate Professor of the Department of Ecology and Ecomanagement, National University of Food Technologies;**
- 2007 – 2011 Deputy Dean of the Faculty of Health Products Technology and Hotel and Restaurant Business, National University of Food Technologies;
- 1994 –2005 assistant of the department of analytical chemistry, department of physical and colloidal chemistry, National University of Food Technologies, Kyiv, Ukraine.

Teaching experience

Teaching courses on "Environmental Chemistry", "Methods of Measuring Environmental Parameters" for Bachelor's degree holders, specialty 101 "Ecology".

Teaching courses on "Technology of functional products", "Fundamentals of design of new food products", Complex discipline. "Biotechnological and physicochemical foundations of food production. Module 8", Complex discipline. "Raw material for food products. Module 7", Complex discipline. "Incoming control of raw materials of food production. Module 7" for holders of the educational degree "Bachelor" specialty 181 "Food technologies".

The head of qualification work for obtaining the Bachelor's and Master's degrees in specialties 101 "Ecology" and 181 "Food Technologies".

Publications and presentations

The scientific work consists of about 400 publications, including: 86 articles, 60 of which are included in scientometric databases; 23 patents, 2 textbooks, 4 teaching aids, 1 monograph, 1 chapter in a collective monograph.

Articles in Scopus databases – 1, Web of Science – 1, Hirsch index – 9.

Peer reviewed articles

1. Hoiko, I. Yu., Stetsenko, N. O. *Analiz ta tendentsii orhanizatsii kharchuvannia viiskovosluzhbovtiv u riznykh krainakh svitu. Tekhnolohiia vyrobnytstva ta pererobky produktsii tvarynnytstva.* 2024. 1: 126-134.
2. Bashta, A. O., Stetsenko, N. O., Bazhai-Zhezherun, S. A. *Doslidzhennia osoblyvostei kharchuvannia studentskoi molodi i rivnia yii usvidomlennia faktoriv ryzyku khronichnykh neinfektsiinykh zakhvoriuvan.* *Naukovi pratsi NUKhT.* 2023. 29 (4): 148-161.
3. Stetsenko, N. O., Hoiko, I. Yu., Bashta, A. O. *Doslidzhennia antyoksydantnoi zdatnosti antotsianiv yahid buzyny chornoi metodom kompiuternoii khimii. Modern engineering and innovative technologies.* 2023. 30(3): 102-107.

4. Stetsenko, N. O. Problema defitsytu bilku u kharchuvanni naselennia Ukrainy ta shliakhy yii vyrishennia. *Modern engineering and innovative technologies*. 2023. 28(1): 41-45.
5. Bublienکو, N., Zakharova R., Stetsenko N. Biotransformation of wastewater production of bakery yeast with biogas generation. *Water and water purification*. 2022. 32(1): 16–22.
6. Hoiko, I. Yu., Stetsenko, N. O. Doslidzhennia vplyvu fitokompozytsii antyoksydantnoi dii na kompleksnu otsinku yakosti yohurtu. *Naukovi pratsi NUKhT*. 2022. 28(2): 163-172.
7. Hoiko, I. Yu., Stetsenko, N. O. Obgruntuvannia retseptury ta doslidzhennia kompleksnoho pokaznyka yakosti farshu dlia vyrobnytstva kulinarnykh miaso-roslynnykh napivfabrykativ spetsialnoho diietychnoho spozhyvannia (dlia sportsmeniv). *Tekhnolohiia vyrobnytstva i pererobky produktsii tvarynnytstva: zbirnyk naukovykh prats*. 2022. 1 (170): 143-154.
8. Stetsenko, N. O. Pechyvo ozdorovchoi dii, zbahachene poroshkom hlodu ta oblipykhovoiu oliieiu. *Modern engineering and innovative technologies*. 2022. Issue №22, R. 1. Pp. 82–86.
9. Bashta A., Ivchuk N., Stetsenko N., Bashta O. Rationale of fruit and berry raw materials choice to increase the confectionery nutritional. *Ukrainian Journal of Food Science*. 2021. 9(1): 103–115.
10. Hoiko, I., Stetsenko, N. O. Vykorystannia mineralizovanoi dobavky dlia zbahachennia zhytnoho khliba dlia spetskontynhentiv. *Modern engineering and innovative technologies*. 2021. 15(2): 89–93.
11. Stetsenko, N. O., Hoiko, I. Yu. Konstruiuvannia retseptury syrkovoho desertu funktsionalnoho pryznachennia. *Modern engineering and innovative technologies*. 2021. 16(2): 20–25.
12. Stetsenko, N. O., Hoiko, I. Yu. Naukove obgruntuvannia retseptury napoiu funktsionalnoho pryznachennia na osnovi soku horobyny z dodavanniam roslynnykh ekstraktiv. *Restorannyi i hotelnyi konsaltnykh. Innovatsii*. 2021. 4(2).
13. Hoiko, I. Yu., Stetsenko, N. O. Vykorystannia roslynnoi syrovyny dlia zbahachennia kyslomolochnykh syriv antyoksydantnoi dii. *Modern engineering and innovative technologies*. 2020. 11(1): 49–52.
14. Hoiko, I. Yu., Stetsenko, N. O. Rozroblennia napivfabrykatu iz solodu zernovykh kultur dlia zbahachennia kharchovykh produktiv. *Kharchova promyslovist*. 2020. № 28: 96–102.
15. Stetsenko, N. O., Kraievska, S. P. Vplyv poroshku bazyliku na kharchovu i biolohichnu tsinnist lianykh chipsiv. *Modern engineering and innovative technologies*. 2020. 7(1): 24–29.
16. Stetsenko, N. O., Simakhina, H. O., Hoiko, I. Yu. Obgruntuvannia skladu kyslomolochnoho napoiu dlia kharchuvannia sportsmeniv. *SWorld Journal*. 2020. 4(1): 38–42.
17. Stetsenko, N. O., Kraievska, S. P. Porivnialna kharakterystyka vlastyvostei nasinnia lonu riznykh sortiv, pryznachenykh dlia vyrobnytstva *SWorld Journal*. 2020. 4(1): 30–35.

Presentations at the congresses, symposiums, conferences

1. Stetsenko, N. O., Kudelko, A. O. Kupazhovana oliia roztoropshi pliamystoi ta nasinnia. *Tekhnolohiia-2024 : materialy Mizhnarodnoi nauково-praktychnoi konferentsii*, 24 travnia 2024 r., m. Kyiv. Kyiv : Skhidnoukrainskyi natsionalnyi universytet im. V. Dalia, 2024. S. 86–87.
2. Stetsenko N., Simakhina G., Goyko I., Bashta A. Functional nutrition to support the health of the population of Ukraine under wartime conditions. *European dimensions of sustainable development : selected papers of the V International conference*, June 1-2, 2023. Kyiv: NUFT, 2023. S. 282-288.
3. Stetsenko, N. O. Hoiko, I. Yu. Konstruiuvannia bahatokomponentnykh kharchovykh produktiv zadanoi biolohichnoi tsinnosti z vykorystanniam informatsiinykh tekhnolohii. *Scientific knowledge, aesthetic creativity and social practices: proceedings of the IV International Scientific and Practical Conference*, January 23 – 24, 2023, Athens, Greece. 2023. S. 76-78.
4. Stetsenko, N. O., Bublienko, N. O. Tendentsii zelenoi khimii u konteksti kontseptsii staloho rozvytku. *World scientific and technical trends 2023 : proceedings of International scientific conference*, December 2023, Karlsruhe, Germany. 2023. S. 32-35.

5. Stetsenko, N. *Funktsionalni inhrediienty dlia kombinovanykh kharchovykh produktiv na molochnii osnovi. Ozdorovchi kharchovi produkty ta diietychni dobavky: tekhnolohii, yakist ta bezpeka : materialy Kh Mizhnarodnoi naukovo-praktychnoi konferentsii, 16-17 lystopada 2023 r., m. Kyiv. Kyiv : NUKhT, 2023. S. 30-32.*

6. Stetsenko, N. O., Hoiko, I. Yu. *Doslidzhennia pokaznykiv yakosti vysivok z nasinnia konopel ta yikh vykorystannia u vyrobnytstvi keksiv dlia zdorovoho kharchuvannia. Zdorove kharchuvannia vid dytynstva do dovolittia: kompleksnyi pidkhid, stan ta perspektyvy : zbirnyk naukovykh materialiv III Mizhnarodnoi naukovo-praktychnoi konferentsii, 26-27 zhovtnia 2023 r., m. Kyiv. Kyiv : NUKhT, 2023. S. 143-146.*

7. Stetsenko, N. O., Kudelko, A. O. *Biolohichna tsinnist zelenoho smuzi z khloreloiou. Tekhnolohiia-2023 : materialy mizhnarodnoi naukovo-praktychnoi konferentsii, 26 travnia 2023 r. Kyiv : Skhidnoukr. nats. un-t im. V. Dalia, 2023. S. 405–406.*

8. Stetsenko, N. O. *Syrkovyi desert funktsionalnoi dii, pryznachenyi dlia polipshennia roboty shlunkovo-kyshkovoho traktu. Ozdorovchi kharchovi produkty ta diietychni dobavky: tekhnolohii, yakist ta bezpeka : materialy Mizhnarodnoi naukovo-praktychnoi konferentsii, 16 lystopada 2022 r., m. Kyiv. Kyiv : NUKhT, 2022. S. 11–13.*

9. Stetsenko, N. O., Avdieieva, P. V. *Vykorystannia solodovykh ekstraktiv dlia polipshennia yakosti psheychnoho khliba ta khlibobulochnykh vyrobiv. Innovatsiini tekhnolohii v hotelno-restorannomu biznesi : materialy XI Vseukrainskoi naukovo-praktychnoi konferentsii, 17–18 travnia 2022 r., m. Kyiv. Kyiv : NUKhT, 2022. S. 98.*

10. Hoiko, I. Yu., Stetsenko, N. O. *Obgruntuvannia vykorystannia roslynnoi syrovyny dlia vyrobnytstva kulinarnykh miaso-roslynnykh napivfabrykativ spetsialnoho diietychnoho spozhyvannia (dlia sportsmeniv). Innovatsiini tekhnolohii ta perspektyvy rozvytku miasopererobnoi haluzi : materialy Mizhnarodnoi naukovo-praktychnoi konferentsii, 18 zhovtnia 2022 r. Kyiv : NUKhT, 2022. S. 145–148.*

11. Tymoshchuk, N., Stetsenko N. *Ekolohichni innovatsii yak chynnyk vyrishennia ekolohichnykh problem. Naukovi zdobutky molodi – vyrishenniu problem kharchuvannia liudstva u XXI stolitti : materialy 90-yi Mizhnarodnoi naukovo konferentsii molodykh uchenykh, aspirantiv i studentiv, 11–12 kvitnia 2024 r. Kyiv : NUKhT, 2024. Ch. 1. S. 365. –*

12. Tonenka, D., Stetsenko N. *Zastosuvannia kontseptsii Zero-waste u kharchovykh tekhnolohiiakh yak efektyvnyi metod okhorony navkolyshnoho seredovyscha. Naukovi zdobutky molodi – vyrishenniu problem kharchuvannia liudstva u XXI stolitti : materialy 90-yi Mizhnarodnoi naukovo konferentsii molodykh uchenykh, aspirantiv i studentiv, 11–12 kvitnia 2024 r. Kyiv : NUKhT, 2024. Ch. 1. S. 355.*

Textbooks and training aids:

1. Stetsenko N.O., Simakhina H.O. *Tekhnolohiia produktiv funktsionalnoho pryznachennia: pidruchnyk [Elektronnyi resurs]. K.: NUKhT, 2024. 316 s.*

2. Stetsenko N.O., Frolova N.E. *Osnovy konstruiuvannia novykh kharchovykh produktiv: navchalnyi posibnyk [Elektronnyi resurs]. K.: NUKhT, 2024. 216 s.*

3. Simakhina H. O., Stetsenko N. O., Naumenko N. V. *Biolohichno aktyvni rehovyny v kharchovykh tekhnolohiiakh: pidruchnyk. Kyiv : NUKhT, 2016. 455 s.*

4. Mank V. V., Miroshnykov O. M., Podobii O. V., Stetsenko N. O. *Koloidna khimiia: praktykum. Kyiv : NUKhT, 2008. 170 s.*